

ABSTRACT

When a distribution apparatus (200) receives a distribution request packet from a new reception apparatus (300) while distributing contents to a multicast address, the distribution apparatus transmits in return a distribution acceptance packet including the multicast address under the distribution (APPROVAL). Then, receiving a packet of contents in multicast form from the distribution apparatus (200), the reception apparatus (300) transmits to the distribution apparatus (200) a request for distributed data that includes the serial number (52) of the firstly-received packet as well as a buffer size necessary for starting reproduction (NOTIFICATION). The distribution apparatus (200) then reads necessary packets from a distributed data buffer to transmit to the reception apparatus (300) the distributed data (U43-U51) in descending order from the serial number 51 in intervals of the multicast distribution.